

Resources Sector



Projects



Manufacture



Service



Business
Optimisation



Training



SAGE provides integrated automation and process controls to form customised solutions for complex challenges.

From remote mine camp utility solutions, exploration and extraction, processing and refining through to the end use and transfer to market, SAGE is a partner to some of the industry's leading organisations and a solution provider for the world's best control and automation technology brands.

With an intricate working knowledge of the legal and environmental regulations of the sector SAGE boasts a large, mobile and scalable resource pool to support your remote operation with quality engineering.

SAGE understands that success in the resources industry depends on reducing the ongoing cost of exploration and the delivery of a high quality product.

Mining Solutions

SAGE provides PLC, SCADA/HMI, DCS and RTU solutions for the mining sector together with sophisticated wired and wireless communications systems.

- Conveyor Systems
- Mine water management
- Underground equipment monitoring
- Mobile control rooms
- Ship loading systems
- Pipeline control systems
- Bore management and water processing
- Car dumping control systems

Minerals Solutions

SAGE works with our customers to develop innovative solutions as projects mature and develop. This flexible approach delivers exceptional value and outcomes to customers and reduces project risk.

- Camp utilities infrastructure
- Crushing and thickening control solutions
- Bore management and water processing
- Materials handling control
- Wide area telemetry and networking

Metals Solutions

SAGE understands the control and safety systems required to develop innovative solutions. SAGE has experience in hot metals and the management of associated risks.

- High level hot metal processing
- Furnaces and fume extraction/processing

- Materials handling control
- Networking and industrial communications
- Quality tracking systems
- MES & MI support

Oil and Gas Extraction Solutions

SAGE supports the country's largest oil and gas projects with custom solutions for oil and gas extraction applications.

- Pipeline control systems
- Leak detection
- Storage facility control systems
- Networking and industrial communications
- Wide area telemetry
- Quality tracking systems

- MES and MI support

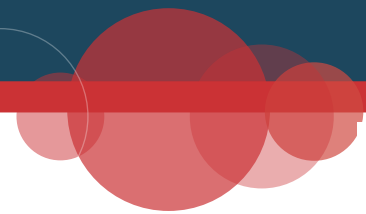
Oil and Gas Distribution Solutions

SAGE understands the importance of the security and safe distribution of Oil and Gas around Australia and provides turnkey solutions critical to compliance with retail contest requirements using real-time gas consumption data.

- Compliance with Australian safety standards and industry requirements
- Safety and compliance audits
- Relocatable switch rooms
- Engineering Design
- Distributed Control System (DCS) to plant integration
- Hazardous Areas

Proven track record – Recent Resources Projects

	Client	Project	Project	Manufacture	Service	Optimisation	Business	Training
Mining	Australian Ilmenite Resources	Roper Bar mine process control system	○	○				
	Orica Mining	Underground Explosive delivery control system	○	○	○			○
	Rio Tinto	SMART Communications Trailer	○	○				
	Boart Longyear	Ruggedised drill rig control systems	○	○	○			○
	Compass Resources	Browns Oxide process control system	○	○				
	Oz Minerals	Prominent Hill borefield upgrade	○	○	○			○
	Oz Minerals	Ankarata switchroom PLC/SCADA control system	○	○				
	Oz Minerals	Carrapateena borefield control system installation	○	○	○			
	BHP Billiton	Schneider Electric SAGE Integration alliance projects	○	○	○			
	BHP Billiton	Flotation cell blowers upgrade	○	○			○	○
	BHP Billiton	Ammonia bullets relocation switchroom	○	○	○			○
	Various	Self Contained Wireless Network Communication Trailer	○	○	○			
	Arrium	Iron Knob crushing and screening plant	○	○	○			
	Minerals	Metso Minerals	Rail Car Dumper controls	○			○	○
Iluka		Pt. Thevenard HMC storage & shipping facility	○	○	○			
Metals	Pilbara Iron	Borefield Optic Fibre networking and installation	○					
	Rio Tinto	Hope Downs Telemetry design and installation	○					
Oil & Gas	APA Group	Dandenong South LNG Facility control system upgrade	○	○	○			
	Origin Energy	Remote Telemetry design and installation	○	○	○			
	Monadelphous	Gorgon containerised sea water intake MCC	○	○				
	Shell	Newport to Geelong Oil Line leak detection system	○	○	○			○
	Santos	Mobile pump control room		○				



Resources Industry Engagement



■ Member Kinetic Group – formerly the Mining Industry Skills Council (MISC)

What sets SAGE apart?



- SAGE is the only Australian company accredited to the global quality benchmark of the Control System Integrators Association (CSIA).
- SAGE works across diverse industry sectors and we actively learn and share from this diverse experience to bring you not only the best solutions in the industry, but the best possible solutions available.
- SAGE is certified by international certification body, DQS for our Management Systems which encompass ISO 9001:2008 (Quality), AS/NZS 4801:2001 (OH&S) and ISO 14001:2004 (Environment).

Contact us



Speak with SAGE about how we can support your business.

Call 1300 00 SAGE (1300 007 243)
Email SAGE@gotoSAGE.com
Web www.gotoSAGE.com



Projects

Innovative engineering solutions for industrial automation and control



Manufacture

World class custom control and power switchboard systems



Service

Fast response 24/7 support from specialist technicians



Business Optimisation

Lean business solutions delivering tangible results



Training

Upskilling today's workforce with enhanced industrial technology skills

www.gotoSAGE.com

SA - NSW - VIC - QLD - NT - TAS - WA